

elma clean 310 (EC 310)

Description

elma clean 310 (EC 310) is a liquid, mildly alkaline cleaning concentrate for the cleaning of glass and electronical components. Suitable for cleaning before coating of organic and inorganic (including alkalisensitive) spectacles and high-precision optical glasses, gems, lead glass, quartz, ceramics, plastics.

For the removal of dust, fingerprints, light oils and greases, residues of resin, putty and adhesives (for resin and putty keep the cleaning temperature above melting point).

For light metal, zinc and tin surfaces limited dwell time in solutions of **elma clean 310 (EC 310)**.

Application and Dosage

- Ultrasonic bath: Dosage: 2 - 5 % in water • Temperature: 50-80 °C • Cleaning time: 3-5 min.

Safety Recommendations

elma clean 310 (EC 310) is not classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

Observe the hints indicated in the safety data sheets. Always handle chemicals with care.

Physical-chemical characterisation

- Density: 1.07 g/ml • pH (1 % solution): 8.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:
<5 % amphoteric surfactants, <5 % anionic surfactants, 5-15 % phosphonates.
- Does not contain silicates and phosphates.

Disposal

The surfactants in our product meet the criteria for biodegradation as laid down in Annex III of the Regulation (EC) No 648/2004 on detergents.

The used cleaning solution can be fed into the public sewage system; observe the local pH limit values and make sure that the contamination contained in the used cleaning solution complies with the local sewage regulations.

European waste code: 20 01 30, „detergents other than those mentioned in 20 01 29“.

Volumes, Storage and Transport

- Available volumes: 5 l HDPE-can [REF 5805200000](#), 10 l HDPE-can [REF 8000316](#) and 25 kg HDPE-can [REF 5811500000](#).
- Store only in closed original container at a temperature between +5 °C and +25 °C, protected from heat and direct solar radiation.
- Shelf life: 3 years from date of production (see lot on label).
- Classification for all means of transport: no hazardous material.

Accessories

- Tap (outlet tap): for 5 / 10 l cans [REF 8000003927](#) • for 25 l can [REF 8000003928](#).
- Dosing cup: 250 ml vol./5 ml-scale [REF 8000643](#) • 1000 ml vol./10 ml-scale [REF 8000647](#).